BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2021-22/OW/WORK_INDENT48596/CALL-2

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/09/2021-22, Date: 01.10.2021

Name of Work:Maintenance of BBMP Drilled Borewells and Providing Pipeline in Ward No. 09 Vidyaranyapura, Vidyaranyapura Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of THANGAVELU NATARAJ ( )	
				In Figures	In Words
1	8	A) Rewinding Lifting of Submersible pump set as per Specification and direction	Each	1158.9	Rupees One Thousand One Hundred Fifty Eight and Ninety Paise Only
2	8	Transportation of pumping machineries	Each	970.97	Rupees Nine Hundred Seventy and Ninety Seven Paise Only
3	8	Labour charges (over hauling)	Each	2738.39	Rupees Two Thousand Seven Hundred Thirty Eight and Thirty Nine Paise Only
4	3	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. D. Rewinding of motor of 10.0 HP	Each	4259.72	Rupees Four Thousand Two Hundred Fifty Nine and Seventy Two Paise Only
5	5	E. Rewinding of motor of 12.5 HP	Each	4760.87	Rupees Four Thousand Seven Hundred Sixty and Eighty Seven Paise Only
6	8	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	4953.27	Rupees Four Thousand Nine Hundred Fifty Three and Twenty Seven Paise Only
7	8	Rotor (with one year Guarantee)	Each	4631.11	Rupees Four Thousand Six Hundred Thirty One and Eleven Paise Only
8	8	Upper Flange	Each	357.96	Rupees Three Hundred Fifty Seven and Ninety Six Paise Only
9	8	Lower Flange	Each	357.96	Rupees Three Hundred Fifty Seven and Ninety Six Paise Only
10	8	Upper Housing	Each	647.91	Rupees Six Hundred Forty Seven and Ninety One Paise Only
11	8	Lower Housing	Each	647.91	Rupees Six Hundred Forty Seven and Ninety One Paise Only
12	8	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad.	Each	1017.5	Rupees One Thousand Seventeen and Fifty Paise Only
13	8	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	153.03	Rupees One Hundred Fifty Three and Three Paise Only
14	8	Oil Seal Steel bush	Each	153.03	Rupees One Hundred Fifty Three and Three Paise Only

Signature of Contractor

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of THANGAVELU NATAR... ( )	
				In Figures	In Words
15	240	Guide vane	Each	402.7	Rupees Four Hundred Two and Seventy Paise Only
16	240	Impeller Shell moulded with aluminium Bronze)	Each	610.32	Rupees Six Hundred Ten and Thirty Two Paise Only
17	8	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	572.74	Rupees Five Hundred Seventy Two and Seventy Four Paise Only
18	8	Steel bush (D.O steel bush)	Each	190.61	Rupees One Hundred Ninety and Sixty One Paise Only
19	8	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1146.37	Rupees One Thousand One Hundred Forty Six and Thirty Seven Paise Only
20	8	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	281.89	Rupees Two Hundred Eighty One and Eighty Nine Paise Only
21	8	Cable Guard	Each	157.5	Rupees One Hundred Fifty Seven and Fifty Paise Only
22	8	Brass Filter	Each	569.16	Rupees Five Hundred Sixty Nine and Sixteen Paise Only
23	8	Re-erection charges of pumping machineries including overhauling and pointing	Each	1531.17	Rupees One Thousand Five Hundred Thirty One and Seventeen Paise Only
24	5	Other Parts Heavy Duty Collar 50 mm dia	No	161.08	Rupees One Hundred Sixty One and Eight Paise Only
25	4	Providing non-return valve 50 mm	No	1610.82	Rupees One Thousand Six Hundred Ten and Eighty Two Paise Only
26	5	Providing Gate Valve 50 mm	No	1610.82	Rupees One Thousand Six Hundred Ten and Eighty Two Paise Only
27	50	Submersible Cable 1x3x6.0 Sq.mm	M	128.87	Rupees One Hundred Twenty Eight and Eighty Seven Paise Only
28	1	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.,	Each	261.31	Rupees Two Hundred Sixty One and Thirty One Paise Only
29	4	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	299.79	Rupees Two Hundred Ninety Nine and Seventy Nine Paise Only
30	2	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. . 16Sqmm	No	241.62	Rupees Two Hundred Forty One and Sixty Two Paise Only

Signature of Contractor

Executive Engineer

Sl No.	Approved Qty.	Description	Unit	Approved Tender Rates of THANGAVELU NATARAJ ( )	
				In Figures	In Words
31	2	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	2684.43	Rupees Two Thousand Six Hundred Eighty Four and Forty Three Paise Only
32	6	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.32 Amps	No	155.71	Rupees One Hundred Fifty Five and Seventy One Paise Only
33	4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1534.75	Rupees One Thousand Five Hundred Thirty Four and Seventy Five Paise Only
34	75600	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete 16SWG	Sqm	0.31	and Thirty One Paise Only
35	144	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strata by Manual Means . Ordinary Soil	Cum	234.58	Rupees Two Hundred Thirty Four and Fifty Eight Paise Only
36	400	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., 75 mm dia 6 KSC PVC pipe	Rmtr	185.77	Rupees One Hundred Eighty Five and Seventy Seven Paise Only
37	144	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including watering, consolidation in layers of 15 cm thick including disposing of the sunplus earth with a lead of 200 mtrs	Cum	92.26	Rupees Ninety Two and Twenty Six Paise Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore-92

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92